

**WEST****Searches for User *rschnizer* (Count = 437)**

Queries 388 through 437.

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S #	Comment Database	Query
<a href="#">S437</a>	USPT	(beta casein)same extraction
<a href="#">S436</a>	USPT	((beta casein)near10 purif\$) and chromatography
<a href="#">S435</a>	USPT	(beta casein)near10 purif\$
<a href="#">S434</a>	USPT	beta casein
<a href="#">S391</a>	USPT	5739407.pn. <del>1-mattalase</del>
<a href="#">S390</a>	DWPI	maunufacture of human beta casein
<a href="#">S389</a>	DWPI	maunufacture of human beta casein for use in infant formula
<a href="#">S388</a>	DWPI	9304171.pn.

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**SEARCH HISTORY FOR 09/095639**

FILE 'BIOSIS, CAPLUS, EMBASE, MEDLINE, BIOTECHDS' ENTERED AT 13:14:06 ON  
13 NOV 1999

L1 6350 S BETA CASEIN  
L2 22 S L1 AND ((KNOCK OUT) OR NULL)  
L3 12 DUP REM L2 (10 DUPLICATES REMOVED)  
L4 5735 S INFANT FORMULA  
L5 22 S L1 AND L2  
L6 32 S L1 AND L4  
L7 24 DUP REM L6 (8 DUPLICATES REMOVED)

(FILE 'HOME' ENTERED AT 15:04:47 ON 17 NOV 1999)

FILE 'MEDLINE' ENTERED AT 15:04:53 ON 17 NOV 1999

L1 157 S (BETA CASEIN) AND CHROMATOGRAPHY  
L2 16 S L1 AND CASEIN (15W) PURIF?  
L3 0 S (BETA CASEIN) (20W) PURIF  
L4 19 S (BETA CASEIN) (20W) PURIF?  
L5 120 S (BETA CASEIN) AND (FILTRATION OR MEMBRANE)  
L6 40 S L5 AND PURIF?

AN 118:58380 CA  
TI Preparative-scale purification of bovine caseins on a  
cation-exchange resin  
AU Leaver, Jeffrey; Law, Andrew J. R.  
CS Hannah Res. Inst., Ayr, K16 5HL, UK  
SO J. Dairy Res. (1992), 59(4), 557-61  
CODEN: JDRSAN; ISSN: 0022-0299  
DT Journal  
LA English  
CC 17-8 (Food and Feed Chemistry)  
AB Acid casein prepd. from fresh skim bovine milk was loaded on a  
column of S-Sepharose Fast Flow, the column was washed with buffer  
(20 mM acetate-6M urea, pH 5.0), and the eluent collected. A 1600  
mL linear gradient of NaCl (0.2-0.6M) was passed through the column  
to elute the bound caseins. Fraction 1, the unbound material,  
contained . \*\*\*beta\*\*\* .- \*\*\*casein\*\*\* , fraction 2 was  
.kappa.-casein, fraction 3 .alpha.s2-casein and fraction 4  
.alpha.s1-casein. The purity of the casein fractions was estd. from  
FPLC profiles to be >90%. Both wet, pptd. caseinate and  
freeze-dried caseinate were suitable as starting materials providing  
that the quantity of urea was adjusted. A complete purifn. took 7  
h.

**Sent:** □haian

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**From:** Ton, Thaian  
**Sent:** Thursday, February 27, 2003 1:41 PM  
**To:** Fredman, Jeffrey  
**Cc:** Ton, Thaian  
**Subject:** Rush Sequence Search Request

Hi Jeff,

Could you please approve this rush sequence search request? It is an amended due this bi-week that I am considering to allow.

Application Serial No: 09/095,639

First Named Inventor: POZZILLI, PAOLO

Please search bovine beta-casein (or fragments thereof) that lack any the following sequences:

SEQ ID NO: 1

SEQ ID NO: 2

SEQ ID NO: 3

SEQ ID NO: 4

against the commercial and interference protein databases.

Please let me know if this request is not clear. Thanks very much.

Thái-An N. Ton

Patent Examiner

Art Unit 1632

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